IN THE CLAIMS:

A complete set of all pending claims is provided herein.

Claims 1-14 (canceled)

15. (previously presented) A system for extending and retracting an object outside and inside an outside surface of a body, comprising:

a mounting structure attached within the body;

a platform to which the object is attached;

a mechanism for extending and retracting the platform, outside and inside the body, along a linear movement path; and

a linear guide connected to the mounting structure at a first end of the linear guide and connected to the platform at a second end of the linear guide, wherein the linear guide is engaged by an annular engagement structure connected to the platform, which engages a threaded screw, and comprises an elongated member disposed along and in parallel to a linear movement path of the platform to stabilize and direct linear movement of the platform in an atmosphere.

16. (previously presented) The system of claim 15, wherein the body is an aircraft.

17. (previously presented) The system of claim 15, wherein the object is a sensor.

18. (previously presented) The system of claim 15, wherein the object is a camera.

19. (previously presented) The system of claim 15, wherein the mechanism is electrically driven.

20. (previously presented) The system of claim 15, wherein the mechanism is hydraulically driven.

21. (previously presented) The system of claim 15, wherein the mechanism is magnetically driven.

22. (previously presented) The system of claim 15, wherein the mechanism is pneumatically driven.

23. (previously presented) The system of claim 15, wherein the mechanism comprises a linear motion screw.

24. (previously presented) The system of claim 15, wherein the mechanism comprises a clutch and brake apparatus.

25. (previously presented) The system of claim 15, wherein the body comprises concealment doors that are opened upon extending the object, and closed upon retracting the object.

26. (previously presented) The system of claim 15, wherein the mounting structure is fitted into the shape of the body so as limit intrusion into the body.

27. (previously presented) A method for extending and retracting an object outside and inside an outer surface of a body, comprising:

providing a movable platform comprising a mounting structure attached within the body, and a linear guide fixed to the mounting structure, wherein the linear guide is engaged by an annular engagement structure connected to the platform, which engages a threaded screw, and comprises an elongated member disposed along and in parallel to a linear movement path of the platform;

attaching the object to a platform; and

extending and retracting a platform outside and inside the body

along the linear movement path of the platform, wherein the linear guide stabilizes and directs linear movement of the movable platform in an atmosphere.

28. (previously presented) The method of claim 27, wherein the body is an aircraft.

29. (previously presented) The method of claim 27, wherein the object is a sensor.

30. (previously presented) The method of claim 27, wherein the object is a camera.

31. (previously presented) The method of claim 27, wherein the step of extending is performed by an electrically driven mechanism.

32. (previously presented) The method of claim 27, wherein the step of extending is performed by a hydraulically driven mechanism.

33. (previously presented) The method of claim 27, wherein the step of extending is performed by a magnetically driven system.

34. (previously presented) The method of claim 27, wherein the step of extending is performed by a pneumatically driven system.

35. (previously presented) The method of claim 27, wherein the step of extending is performed using a linear motion screw.

36. (previously presented) The method of claim 27, wherein the step of extending is performed using a clutch and brake apparatus.